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STIC Database Tracking Number: 1648-REM

**TO:** Shanon Foley  
**Location:** REM 3c21 / 3c18  
**Art Unit:** 1648  
**Monday, May 23, 2005**

**Case Serial Number:** 6355413

**From:** Deirdre Arnold  
**Location:** Biotech-Chem Library  
**REM 1A64**  
**Phone:** 571-272-2532

**Deirdre.Arnold@uspto.gov**

### Search Notes

#### Litigation

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Regards,  
Deirdre Arnold



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05/23/2005

Sorted by Date

Activities	# Docs	Source	Client ID	Date
6355413 or 6,355,413	3	News, All (English, Full Text)		05/23/2005 13:10:41
6355413 or 6,355,413	0	Patent, Trademark & Copyright Periodicals, Combined		05/23/2005 13:10:14
6355413 or 6,355,413	0	Patent Cases from Federal Courts and Administrative Materials		05/23/2005 13:09:41
patno=6355413	1	Utility, Design and Plant Patents		05/23/2005 13:06:56
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6,335,183 or 6335183	0	Patent Cases from Federal Courts and Administrative Materials	04/26/2005 15:07:37
patno=6335183	1	Utility, Design and Plant Patents	04/26/2005 15:04:38

Source: [Legal > Area of Law - By Topic > Patent Law > Patents > U.S. Patents > Utility, Design and Plant Patents](#)   
Terms: [patno=6355413](#) ([Edit Search](#))

269278 (09) 6355413 March 12, 2002

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

**6355413**

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March 12, 2002

Method for determining ion channel activity of a substance

**CERT-CORRECTION:** December 31, 2002 - a Certificate of Correction was issued for this patent (O.G. January 21, 2003)

**APPL-NO:** 269278 (09)

**FILED-DATE:** June 30, 1999

**GRANTED-DATE:** March 12, 2002

**ASSIGNEE-AT-ISSUE:** Australian National University, Acton, Australia (AU), 03

**ASSIGNEE-AFTER-ISSUE:** June 30, 1999 - ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS) ., AUSTRALIAN NATIONAL UNIVERSITY ACTON, AUSTRALIAN CAPITAL TERRITORY 2601 AUSTRALIA, Reel and Frame Number: 10058/0704

**CORE TERMS:** channel, cell, ion, protein, vpu, coli, proline, strain, host, metabolite ...

Source: [Legal > Area of Law - By Topic > Patent Law > Patents > U.S. Patents > Utility, Design and Plant Patents](#) 

Terms: [patno=6355413](#) ([Edit Search](#))

View: [Custom](#)

Segments: Assignee, Cert-correction, Reexam-cert, Reexam-litigate

Date/Time: Monday, May 23, 2005 - 1:07 PM EDT

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Foley 6,355,413

109C25

Print Request: All Documents

Time of Request: May 23, 2005 01:07 PM EDT

Number of Lines: 30

Job Number: 1822:45661534

Client ID/Project Name:

Research Information:

Utility, Design and Plant Patents  
patno=6355413

Send to: ARNOLD, DEIRDRE  
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600 DULANY ST RM 1C09  
ALEXANDRIA, VA 22314

1 of 1 DOCUMENT

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

6355413

[Link to Claims Section](#)

March 12, 2002

Method for determining ion channel activity of a substance

**CERT-CORRECTION:** December 31, 2002 - a Certificate of Correction was issued for this patent (O.G. January 21, 2003)

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**ASSIGNEE-AT-ISSUE:** Australian National University, Acton, Australia (AU), 03

**ASSIGNEE-AFTER-ISSUE:** June 30, 1999 - ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS) ., AUSTRALIAN NATIONAL UNIVERSITY ACTON, AUSTRALIAN CAPITAL TERRITORY 2601 AUSTRALIA, Reel and Frame Number: 10058/0704

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Foey 6,355,413

109C25

Print Request: All Documents

Time of Request: May 23, 2005 01:11 PM EDT

Number of Lines: 58

Job Number: 1822:45661982

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Research Information:

News, All (English, Full Text)  
6355413 or 6,355,413

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1 of 3 DOCUMENTS

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August 15, 2004, Sunday IOWA;MIDLANDS;NEBRASKA;SUNRISE EDITION

**SECTION:** SPORTS; Pg. 12C;

**LENGTH:** 509 words

**HEADLINE:** DeSoto hunts

2 of 3 DOCUMENTS

Copyright 2002 States News Service  
States News Service

June 6, 2002, Thursday

**LENGTH:** 1431 words

**HEADLINE:** BIOTERRORISM PREPAREDNESS GRANTS FACT SHEET RELEASED

**BYLINE:** By States News Service

**DATELINE:** WASHINGTON

**BODY:**

...South Dakota -- \$7,222,917

- Public health systems: \$6,680,486

- Hospital plan: \$542,431

Vermont -- \$6,841,277

- Public health systems: \$6,355,413

- Hospital plan: \$485,864

Washington -- \$20,655,319

- Public health systems: \$18,121,901

- Hospital plan: \$2,533,418

West Virginia -- \$9,976,425

- ...

3 of 3 DOCUMENTS

Copyright 2002 AAP Information Services Pty. Ltd.  
AAP Company News

May 23, 2002, Thursday

**SECTION:** Financial News

**LENGTH:** 495 words

**HEADLINE:** BIT - Company compound shown to inhibit HIV-1

**BODY:**

...potential anti-HIV drug candidate using Biotron's patented method for determining ion channel activity (US 6355413) which identifies inhibitors of the HIV-1 Vpu protein. Vpu is a protein that forms ion channels in cellular membranes, and ...

109C25

\*\*\*\*\* Print Completed \*\*\*\*\*

Time of Request: May 23, 2005 01:11 PM EDT

Print Number: 1822:45661982

Number of Lines: 58

Number of Pages:

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Last update of file: 2005/05/19 (YYYY/MM/DD) 2005-19/UP (last update)

Search statement 1

Query/Command : us6355413/pn

\*\* SS 1: Results 1

Search statement 2

Query/Command : PRT SS 1 MAX 1 LEGALALL

1 / 1 PLUSPAT - ©QUESTEL-ORBIT

**Patent Number :**  
US6355413 B1 20020312 [US6355413]

**Title :**  
(B1) Method for determining ion channel activity of a substance

**Patent Assignee :**  
(B1) UNIV AUSTRALIAN (AU)

**Patent Assignee :**  
Australian National University, Acton [AU]

**Inventor(s) :**  
(B1) COX GRAEME BARRY (AU); EWART GARY DINNEEN (AU); GAGE PETER WILLIAM (AU)

**Application Nbr :**  
US26927899 19990630 [1999US-0269278]

**Filing Details :**  
PCT/NO97/00638 19970926 [1997WO-NO00638]  
WO98/13514 19980402 [WO9813514]

**Priority Details :**  
AUPO258196 19960927 [1996AU-0002581]  
WOAU9700638 19970926 [1997WO-AU00638]

**Intl Patent Class :**  
(B1) C12N-005/00 C12P-001/00 C12Q-001/70 C12Q-003/00

**EPO ECLA Class :**  
C12Q-001/02B

**US Patent Class :**  
ORIGINAL (O) : 435005000; CROSS-REFERENCE (X) : 435003000 435041000  
435069300 435325000

**Document Type :**  
Corresponding document

**Citations :**  
AU3460289  
Derwent Abstract Accession No. 92-175825/22, Class B04 D16, DD 297186, A  
(University Berlin Humboldt) Jan. 2, 1992.

Piller et al.; Vpr protein of human immunodeficiency virus type 1 froms  
cation-selective channels in planar lipid bilayers; PNAC; vol. 93; pp.  
111-115, Jan. 1996.\*

Yamato et al.; Site specific alteration of arginine 376 the unique  
positively charged . . . ; J. Biol. Chem.; vol. 269, No. 8; pp.  
5720-5724, Feb. 1994.

**Publication Stage :**  
(B1) U.S. Patent (no pre-grant pub.) after Jan. 2, 2001

**Abstract :**  
A method for determining the ion channel activity of a substance  
comprises the steps of (i) expressing the substance as a heterologous  
protein in a host cell, and (ii) determining changes in permeability of  
the plasma membrane of the host cell induced by expression of the  
heterologous protein. A screening method for determining ion channel  
modulating activity of a test substance is also disclosed.

**Update Code :**  
2002-12

1 / 1 LGST - ©EPO

**Patent Number :**  
US6355413 B1 20020312 [US6355413]

**Application Number :**  
US26927899 19990630 [1999US-0269278]

**Action Taken :**  
20021231 US/CC-A

CERTIFICATE OF CORRECTION

20040928 US/RF-A  
REISSUE APPLICATION FILED  
EFFECTIVE DATE: 20040311  
Update Code :  
2004-41

1 / 1 CRXX - @CLAIMS/RRX  
**Patent Number :**  
6,355,413 A 20020312 [US6355413]  
**Patent Assignee :**  
Australian National University The AU  
**Actions :**  
20040311 REISSUE REQUESTED  
ISSUE DATE OF O.G.: 20040928  
REISSUE REQUEST NUMBER: 10/800361  
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 1648

Reissue Patent Number:

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